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Dated: September 29, 2006

Signature: Stephanie Muma

(Stephanie Muma)

Docket No.: 63557B  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Peter E. Pierini and Shaun E. Pirtle

Application No.: 10/574,729

Confirmation No.: Unknown

Filed: October 7, 2004

Art Unit: N/A

For: POLYPROPYLENE COMPOSITION FOR  
AIR QUENCHED BLOWN FILMS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any

patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 63557B US. A duplicate copy of this paper is enclosed.

Dated: September 28, 2006

Respectfully submitted,

By Charles P. Wakefield

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PTO/SB/08a/b (07-05)  
Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/574,729		
		Filing Date	October 7, 2004		
		First Named Inventor	Peter E. Pierini		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	63557B

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-3,959,425	05-25-1976	Herrington	
	AB*	US-4,820,471	04-11-1989	van der Molen et al.	
	AC*	US-5,284,613	02-08-1994	Ali et al.	
	AD*	US-5,412,020	05-02-1995	Yamamoto et al.	
	AE*	US-5,532,325	07-02-1996	Oka et al.	
	AF*	US-5,591,785	01-07-1997	Scheve et al.	
	AG*	US-5,641,848	06-24-1997	Giacobbe et al.	
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	AJ*	US-6,284,857-B1	09-04-2001	Shinozaki et al.	
	AK*	US-6,403,708-B2	06-11-2002	Moriya et al.	
	AL*	US-6,472,473-B1	10-29-2002	Ansems et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-2004/033509-A1	04-22-2004	Dow Global Technologies, Inc.		
	BB	DE-197 27 065-A1	01-02-1998	Mitsubishi Chemical Corp.		✓
	BC	EP-0 757 069-A1	02-05-1997	Montell North America Inc.		
	BD	WO-99/20663	04-29-1999	Exxon Chemical Patents Inc.		
	BE	WO-97/33941	09-18-1997	Amoco Corporation		
	BF	EP-0 903 356-B1	03-24-1999	Mitsui Chemicals, Inc.		
	BG	EP-0 919 572-B1	06-02-1999	Mitsui Chemicals, Inc.		
	BH	EP-0 942 013-B1	09-15-1999	Mitsui Chemicals, Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	E.P. MOORE, <u>Polypropylene Handbook</u> , 330-332, (1996), New York, Hanser	
	CB	CHANG DAE HAN and R. SHETTY, "Studies on Multilayer Film Coextrusion III. The Rheology of Blown Film Coextrusion," 187-199, (1978), <u>Polymer Engineering and Science Vol. 18, No. 3</u>	
	CC	BARRY A. MORRIS, "Peel Strength Issues in the Blown Film Coextrusion Process," 571-577, (1996), 1996 <u>Polymers, Laminations &amp; Coatings Conference</u> , TAPPI	
	CD	B. WUNDERLICH, "Crystal Melting," 48, (1960), <u>Macromolecular Physics</u> , Vol. 3, New York, Academic Press	
	CE	T.F.J. PIJPERS, VINCENT B.F. MATHOT, BART GODERIS, ROLF L. SCHERRENBURG,	

Examiner Signature	Date Considered
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				First Named Inventor	Peter E. Pierini
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	63557B

		and ERIC VAN DER VEGTE, "High-Speed Calorimetry for the Study of Kinetics of (De)vitrification, Crystallization, and Melting of Macromolecules," 3601, (2002), Macromolecules, Vol 35, American Chemical Society	
	CF	ANDREAS KRUMME, ARJA LEHTINEN, and ANTI VIIKNA, "Crystallisation behaviour of high density polyethylene blends with bimodal molar mass distribution 2. Non-isothermal crystallisation," 371, (2004), European Polymer Journal, Vol. 40	
	CG	TH. G. SCHOLTE, N.L.J. MEIJERINK, H.M. SCHOFFELEERS, and A.M.G. BRANDS, "Mark-Houwink Equation and GPC Calibration for Linear Short-Chain Branched Polyolefins, Including Polypropylene and Ethylene-Propylene Copolymers," 3763-3782, (1984), Journal of Applied Polymer Science, Vol. 29, John Wiley & Sons, Inc.	
	CH	E.P. OTOCKA, R.J. ROE, M.Y. HELLMAN, and P.M. MUGLIA, "Distribution of Long and Short Branches in Low-Density Polyethylenes," 507, (1971), Macromolecules, Vol. 4, No. 4	
	CI	VINCENT BUSICO, ROBERTA CIPULLO, GUGLIELMO MONACO, MICHELE VACATELLO, and ANNA LAURA SERGE, "Full Assignment of the <sup>13</sup> C NMR Spectra of Regioregular Polypropylenes: Methyl and Methylene Region," 6251-6263, (1997), American Chemical Society	
	CJ	W.D. HARRIS, C.A.A. VAN KERCKHOVEN, and L.K. CANU, "The Effects of Bubble Cooling on Performance and Properties of HMW-HDPE Film Resins," 313-316, (1990), 1990 Polymers, Laminations, & Coatings Conference	
	CI	E.P. MOORE, Polypropylene Handbook, 243, (1996), New York, Hanser	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/92 (09-04)  
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Application No. (if known): 10/574,729

Attorney Docket No.: 63557B

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